



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No.01-1701)

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In the Application of:

Halg et al.

Examiner:

Serial No: 09/992,313

Group Art Unit: 1614

Filed: November 19, 2001

For: Method and Device for  
Determining The Volume of a  
Liquid Sample

TRANSMITTAL LETTER

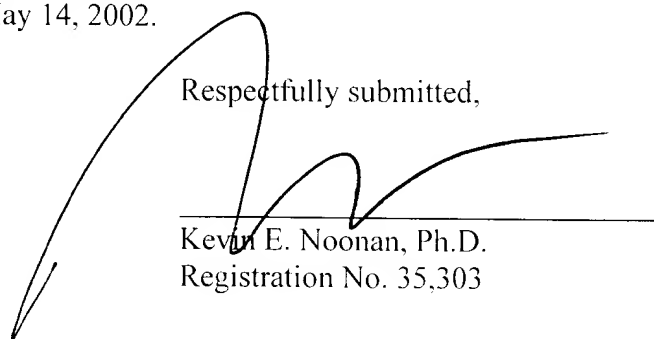
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

- In regard to the above identified application,
1. We are transmitting herewith the attached:
    - a) Information Disclosure Statement;
    - b) PTO Form 1449; and cited references
    - c) Return postcard
  2. With respect to fees:
    - a) No fees are required
    - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.
  3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage Express Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231 on May 14, 2002.

Respectfully submitted,

Date: May 14, 2002

  
Kevin E. Noonan, Ph.D.  
Registration No. 35,303

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TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. Sections 1.97 - 1.99, the Applicants wish to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copies of the references cited below are enclosed. These references are also listed on the enclosed PTO Form 1449.

It is requested that the references be given careful consideration and that they be cited of record in the present application so that they will appear on the face of the patent issuing from the present application. Return of an initialed PTO-1449 indicating the Examiner's consideration of the references is requested.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a

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representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Sections 102 or 103. This Information Disclosure Statement shall not be construed as an admission that the statement or cited references are, or are considered to be, material to patentability. 37 C.F.R. Section 1.97(h).

**U.S. Patents**

Greenfield et al.      U.S. Patent 4,354,376      Issued October 19, 1982

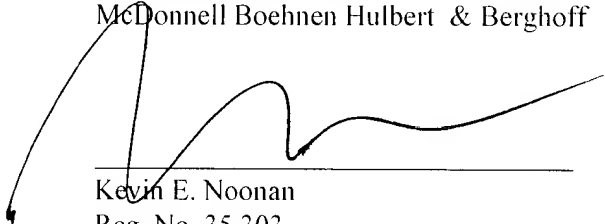
**Foreign Patents**

EP 0 431 578      E.I. Du Pont De Nemours and Company

WO 95/02166      Artel Inc.

Respectfully submitted,  
McDonnell Boehnen Hulbert & Berghoff

Date: May 14, 2002



Kevin E. Noonan  
Reg. No. 35,303



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Application No.

09/592,313

Filing Date:

November 19, 2001

First Named Inventor

HATG

Group Art Unit

Examiner Name

Attorney Docket No.

01-1780

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,354,376		Greenfield et al.	Oct. 19, 1982	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		EP	0 431 578		E.I. DU PONT DE NEMOURS AND COMPANY			
		WO	95/02166		ARTEL, INC.			

## OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC. 20231